Index of Claims

| App | licati | on/C | ontro | I No. |
|-----|--------|------|-------|-------|
|-----|--------|------|-------|-------|

10/088,242

Applicant(s)/Patent under Reexamination

KUHN, PETRUS HENRICUS ALOYSIUS NICOLAAS

Art Unit

Examiner

MONZER R. CHORBAJI

1744

√ Rejected
= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim       | Date     |                     |          |          |          | Claim Date |           |                 |           |          |          |                     |                         | Cla          | aim                 | Date     |                     |          |              |                   |            |  |                    |          |          |          |          |          |          |           |
|----------|-----------|----------|---------------------|----------|----------|----------|------------|-----------|-----------------|-----------|----------|----------|---------------------|-------------------------|--------------|---------------------|----------|---------------------|----------|--------------|-------------------|------------|--|--------------------|----------|----------|----------|----------|----------|----------|-----------|
| _ [      | ख         | ر<br>س   |                     |          |          |          |            |           |                 |           |          | ल        |                     |                         |              |                     |          |                     |          |              |                   | ㅁ          |  |                    |          |          |          |          | I        |          |           |
| Final    | jë        | 🖺        |                     |          |          |          |            |           |                 |           | Final    | ij.      |                     |                         |              |                     |          | 1 1                 |          |              | Final             | ij         |  |                    | Į        |          |          |          |          | . 1      | ıl        |
| 证        | Original  | 8/31/05  |                     |          |          |          | - [        |           | ı               |           | 诓        | Original |                     |                         |              |                     |          |                     |          |              | 正                 | Original   |  |                    |          |          | l        |          |          |          | ıl        |
|          |           | _        |                     |          | _        | $\dashv$ | _          |           | $\dashv$        | _         |          |          |                     | _                       | _            | Ш                   |          |                     | _        | ::L          |                   |            |  | $\Box$             | _        |          |          |          |          |          | Ш         |
|          | 1         | 1        |                     | $\dashv$ | _        | $\dashv$ | _          | $\Box$    | 4               | _         |          | 51       | $\perp$             |                         | _            | $\sqcup$            | $\perp$  | 11                  | _        | L            |                   | 101        | Щ  | Ц                  | _        |          | _        |          | _        | $\Box$   | Ш         |
| ļ        | 2         | 1        | _                   |          |          |          | _          | -         | -               | $\dashv$  |          | 52       | -                   | $\perp$                 | _            | $\sqcup$            |          | $\vdash \vdash$     |          | L            |                   | 102        | $\perp$  | $\sqcup$           |          | _        | 4        |          | _        | _        |           |
|          | 3         | 1        |                     |          | _        | -        | -          | $\dashv$  | -               | 4         |          | 53       | $\vdash$            | +                       | +-           | $\vdash$            | -        | ╁╌┼                 |          | ╠            |                   | 103        | _  |                    |          |          | _        |          | _        | _        | Щ         |
| <u> </u> | 4         | 1        | Н                   | -        | $\dashv$ | $\dashv$ |            | $\dashv$  | $\dashv$        | $\dashv$  |          | 54<br>55 | -+                  | +                       | +-           | -                   |          | ╁┼                  | -        | ŀ            |                   | 104        | Н  | $\dashv$           |          | _        | $\dashv$ | $\dashv$ | -        | _        | $\dashv$  |
| <u> </u> | 5         | 1        | $\vdash$            | $\dashv$ | $\dashv$ | $\dashv$ |            | $\dashv$  | -+              | $\dashv$  |          | 56       | -                   | -                       | +-           | $\vdash$            | +        | ╁┼                  | -        | ╠            |                   | 105<br>106 | -  | $\dashv$           |          |          | -        | -1       | $\dashv$ | $\dashv$ | -         |
|          | 7         | V        | ⊢                   |          | $\dashv$ | ᅱ        |            | $\dashv$  | $\dashv$        | $\dashv$  |          | 57       | -                   | +                       | ╁            | $\vdash$            | +-       | ╂╌┼╴                | -        | ╟            | $\dashv$          | 107        |  | $\dashv$           | -        | -        |          | -        | $\dashv$ | $\dashv$ | $\vdash$  |
| <u> </u> | 8         | V        | ├                   |          | ᅱ        | $\dashv$ | -          | $\dashv$  | 十               | $\dashv$  |          | 58       | $\vdash$            | -                       | ╁            | ┝╌┼                 | +        | $\vdash$            |          | ╟            |                   | 108        | Н  | $\dashv$           | ┥        | $\dashv$ | ᅱ        | -        | -        | $\dashv$ | $\vdash$  |
|          | 9         | V        |                     | $\dashv$ | $\dashv$ | _        | -          |           | +               | $\dashv$  |          | 59       | $\vdash$            | +                       | +-           | $\vdash$            |          | ++                  | -        | ╟            |                   | 109        | Н  | -                  | $\dashv$ |          | -        |          | $\dashv$ | $\dashv$ | $\dashv$  |
|          | 10        | V        |                     | -        |          |          | _          |           | $\neg$          | ᅥ         |          | 60       |                     | +                       | 1            |                     | +        |                     | -        | ╬            |                   | 110        |  | H                  | ᅥ        | -        | $\neg$   | $\neg$   | $\dashv$ | $\neg$   | Н         |
|          | 11        | 1        | _                   |          | $\neg$   |          |            | $\neg$    | $\neg$          | $\exists$ |          | 61       |                     | _                       | $\top$       | $\vdash$            |          | $\Box$              | -        | -            |                   | 111        |  | H                  | $\neg$   |          |          |          | 1        |          | П         |
|          | 12        | 1        | П                   |          | 寸        |          |            | $\Box$    | $\neg$          | $\dashv$  |          | 62       | $\sqcap$            | 十                       | $\top$       | П                   |          | 11                  |          | r            |                   | 112        |  | -                  |          | $\Box$   |          | $\dashv$ | $\neg$   | $\neg$   | П         |
|          | 13        | 1        |                     |          |          |          |            |           | $\neg \uparrow$ |           |          | 63       |                     | 十                       | 1            | $\sqcap$            | $\top$   | 1 1                 |          | -            | $\neg \neg$       | 113        |  | $\Box$             | $\neg$   |          | $\neg$   | $\dashv$ | $\neg$   | $\dashv$ | П         |
|          | 14        |          |                     |          |          |          |            |           |                 |           |          | 64       |                     | ╧                       | $oxed{oxed}$ |                     |          |                     |          | ľ            |                   | 114        |  |                    |          |          |          |          |          | $\dashv$ | П         |
|          | 15        |          |                     |          |          |          |            |           |                 |           |          | 65       |                     | J                       | $\prod$      |                     |          |                     |          |              | • 1               | 115        |  |                    | _1       |          |          |          |          | $\Box$   |           |
|          | 16        |          |                     |          |          |          |            |           | J               |           |          | 66       |                     | $oldsymbol{\mathbb{T}}$ |              |                     |          | $\Box$              |          | ::[          |                   | 116        |  |                    |          |          |          |          |          |          |           |
|          | 17        |          |                     |          |          |          |            |           |                 |           |          | 67       |                     |                         |              |                     |          |                     |          |              |                   | 117        |  |                    |          |          |          |          |          | ·        |           |
|          | 18        | _        |                     |          |          |          |            |           |                 |           |          | 68       |                     |                         |              |                     |          |                     |          | ::L          |                   | 118        |  |                    |          |          |          |          |          |          |           |
|          | 19        |          | L                   |          |          |          | ᆚ          |           | $\perp$         | ╝         |          | 69       |                     |                         | $\perp$      |                     |          |                     | _]:::    | L            |                   | 119        |  |                    |          |          |          |          |          |          |           |
|          | 20        | Щ        | L                   |          |          | _        |            |           | _               |           |          | 70       |                     | ┸                       |              |                     |          | $\perp \downarrow$  | _ :::    |              |                   | 120        |  |                    | _        |          | _        |          |          |          | Ш         |
|          | 21        | <u> </u> | _                   |          | _        | _        |            | $\Box$    | 4               | _         |          | 71       |                     |                         | 4_           | $\sqcup$            |          | $\sqcup$            | _        |              |                   | 121        |  |                    | _        |          | _        |          | $\Box$   |          | Ш         |
| <u> </u> | 22        | <b> </b> | _                   | $\dashv$ |          | _        |            |           | 4               | 4         | $\Box$   | 72       |                     | +                       | +            | -                   | _        | $\vdash$            | 4        | :: -         |                   | 122        |  |                    | _        |          | _        |          | $\dashv$ | ᆜ        | Ш         |
|          | 23        | $\vdash$ | _                   |          |          | -        | _          | $\dashv$  | -               |           |          | 73       | $\vdash$            | +                       | +            | $\vdash$            |          | $\vdash$            |          | ŀ            |                   | 123        | -  | Н                  |          |          | _        | _        | _        | _        | Ш         |
|          | 24.<br>25 | ⊢        | Н                   |          |          | -        | -          | $\dashv$  | 4               |           |          | 74<br>75 | $\vdash$            | +                       | +            | ⊢⊦                  | -        | ₩                   |          | ŀ            |                   | 124        | -  | $\vdash$           |          | $\dashv$ |          |          | $\dashv$ | -        | Н         |
|          | 26        | ⊢        | H                   |          |          |          | -          | $\dashv$  | +               | $\dashv$  |          | 76       | $\dashv$            | +-                      | +-           | $\vdash$            |          | ╁┼                  |          | ŀ            |                   | 125<br>126 |  | $\dashv$           | ᅱ        | $\dashv$ |          | _        |          |          | Н         |
|          | 27        | ⊢        | Н                   | -        | $\dashv$ | $\dashv$ |            | -         | $\dashv$        | $\dashv$  |          | 77       | $\vdash$            | +                       | +-           | ┥                   | $\dashv$ | ╁╌┼                 | $\dashv$ | ⊦            |                   | 127        | $\vdash$   | $\dashv$           | $\dashv$ | -        | -        |          | $\dashv$ |          | Н         |
|          | 28        | ┝        | $\vdash$            | $\dashv$ | $\dashv$ | -        |            | $\dashv$  | $\dashv$        | $\dashv$  |          | 78       | $\vdash$            | +                       | +-           | $\vdash$            | +-       | ++                  | $\dashv$ | ⊪            |                   | 128        |  | $\dashv$           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$ | Н         |
|          | 29        | ├        | Н                   |          | $\dashv$ | $\dashv$ | ᅥ          | $\dashv$  | -               | -         |          | 79       | $\vdash$            | +                       | ╁            | -                   | +        | +                   | $\dashv$ | ╟            | -                 | 129        | Н  | $\dashv$           | $\dashv$ | -        | $\dashv$ |          | $\dashv$ | $\dashv$ | Н         |
|          | 30        | $\vdash$ | $\vdash$            | $\neg$   | _        | _        | ᅥ          |           | $\dashv$        |           |          | 80       | $\dashv$            | _                       | +-           | $\vdash$            | +        | $\dagger$           | $\dashv$ | ŀ            | $\neg \dashv$     | 130        | Н  | -                  | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$  |
|          | 31        | _        | Н                   |          | 一        | $\dashv$ | ┪          | $\exists$ | $\dashv$        | Ⅎ         |          | 81       | $\dashv$            | +                       | +            | $\vdash$            | +        | $\dagger \dagger$   | -        | ⊪            |                   | 131        |  | $\dashv$           | $\dashv$ | $\neg$   | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
|          | 32        | Т        | П                   | 一        | $\dashv$ | $\dashv$ | 寸          | $\Box$    | +               |           |          | 82       | $\vdash$            | +                       | T            | H                   | $\top$   | $\dagger$           | -        | ŀ            |                   | 132        | Н  | $\vdash$           | $\dashv$ | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   | $\dashv$  |
|          | 33        |          | П                   |          | $\neg$   |          | 寸          |           | $\dashv$        | $\neg$    |          | 83       | $\vdash$            | $\top$                  | T            |                     | $\neg$   | $\top$              |          | ij           |                   | 133        | $\dashv$   | $\dashv$           | $\dashv$ |          | $\dashv$ | $\dashv$ | 寸        | $\neg$   | $\dashv$  |
|          | 34        |          |                     |          |          |          |            |           |                 |           |          | 84       |                     |                         | 1            |                     |          | $\top$              |          | r            | $\neg$            | 134        |  | П                  |          |          |          | $\vdash$ | 7        | $\neg$   | $\exists$ |
|          | 35        |          |                     |          |          |          |            |           |                 |           |          | 85       |                     |                         |              |                     |          |                     |          | Γ            | 1                 | 135        |  |                    |          |          |          |          |          |          |           |
|          | 36        |          |                     |          |          |          |            |           |                 |           |          | 86       |                     |                         | Ι            |                     |          |                     |          |              |                   | 136        |  |                    |          |          |          |          |          |          |           |
|          | 37        |          | Ш                   | $\Box$   | $\Box$   | $\Box$   |            |           | $\Box$          |           |          | 87       | $\Box$              |                         |              |                     |          |                     |          | $\mathbb{L}$ |                   | 137        |  | $\Box$             |          |          |          |          |          |          |           |
|          | 38        |          | Ш                   | $\Box$   | _[       | [        | $\Box$     | Ц         | $\Box$          | _         | ]        | 88       | $\sqcup$            |                         |              |                     |          | $\Box$              | _        |              |                   | 138        |  |                    |          |          |          |          |          |          |           |
| <u> </u> | 39        | L        | Щ                   | _        | $\dashv$ | _        | _          | $\Box$    | _               | _         |          | 89       | $\sqcup$            | $\bot$                  | $\perp$      | $\sqcup$            |          | $\sqcup \bot$       | _        | L            | ļ                 | 139        | Щ  | $\square$          | _        | $\sqcup$ |          |          |          |          | ᆜ         |
| ļ        | 40        | <u> </u> | Ш                   | _        | _        | _        | _          | $\sqcup$  | 4               | ᆚ         |          | 90       | $\sqcup$            | _                       | 4_           | $\sqcup$            |          | $\perp \perp$       | _        | L            |                   | 140        | Щ  | $\Box$             | _        |          | _        |          |          |          | Щ         |
| <u> </u> | 41        | L-       | $\vdash$            |          | _        | -+       |            |           | -               | ᅴ         |          | 91       | $\vdash$            | +                       | +            | $\vdash \downarrow$ | -        | $\vdash \downarrow$ | _        | L            | $\longrightarrow$ | 141        | $\Box$   | $\sqcup$           | _        | $\Box$   | $\dashv$ | _        |          | $\dashv$ | ᅴ         |
| <u> </u> | 42        | <u> </u> | Н                   | $\dashv$ | $\dashv$ | _+       |            |           | $\dashv$        | 4         |          | 92       | $\vdash \downarrow$ | +                       | +-           |                     | +        | $\vdash \vdash$     | - :::    | L            |                   | 142        |  | $\sqcup$           | _        | $\sqcup$ | _        | _        | $\dashv$ | _        | $\vdash$  |
|          | 43<br>44  | -        | ${oldsymbol{dash}}$ | $\dashv$ | $\dashv$ | -+       |            |           | $\dashv$        | $\dashv$  |          | 93<br>94 | +                   | +                       | +-           | $\vdash \vdash$     |          | ++                  | -        | ŀ            |                   | 143        | -  | -                  | $\dashv$ | <b></b>  |          |          |          | $\dashv$ | ,         |
|          | 45        | -        | $\vdash \vdash$     | $\dashv$ | $\dashv$ | $\dashv$ |            | $\dashv$  | $\dashv$        | ᅴ         |          | 95       | $\vdash$            | +                       | +            | $\vdash$            | +        | +                   | -        | H            |                   | 144        | $\dashv$   | $\vdash$           |          |          | $\dashv$ | $\dashv$ | 4        |          | <u>  </u> |
| $\vdash$ | 46        | -        | $\vdash$            |          | $\dashv$ | $\dashv$ | +          | $\dashv$  | +               | $\dashv$  |          | 96       | +                   | +                       | +            | $\vdash \vdash$     | +-       | <del>   </del>      | - :::    | H            |                   | 145        | $\vdash$   | $\vdash \vdash$    |          |          | -        |          |          |          |           |
| $\vdash$ | 47        |          | Н                   | $\dashv$ | +        |          | $\dashv$   | $\dashv$  | +               | $\dashv$  | $\dashv$ | 97       | -                   | +                       | +-           | $\vdash \vdash$     |          | ++                  | - :::    | H            |                   | 146<br>147 | $\vdash$   | $\vdash$           | $\dashv$ | $\dashv$ |          |          |          | $\dashv$ | $\dashv$  |
|          | 48        | -        | Н                   | $\dashv$ | $\dashv$ | $\dashv$ | +          | $\dashv$  | +               | $\dashv$  | $\dashv$ | 98       | +                   | +                       | +            | $\vdash$            | +-       | +-+                 | -        | +            |                   | 148        | $\dashv$   | $\vdash$           | -        |          | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$ | 49        | _        | H                   | -        | +        | $\dashv$ | $\dashv$   | $\dashv$  | 十               | $\dashv$  |          | 99       | $\dashv$            | +                       | +-           | $\vdash$            |          | <del>  -</del>      |          | H            |                   | 149        | -  | $\dashv$           | -        |          | -        | -        | -        |          | $\dashv$  |
| М        | 50        | _        | Н                   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   |           | $\dashv$        | $\dashv$  |          | 100      | $\dashv$            | +                       | +            | $\vdash$            | _        | ++                  | -        | H            |                   | 150        | $\vdash$   | $\dashv$           | $\dashv$ |          | -        | $\neg$   | +        | $\dashv$ | $\dashv$  |
|          | 55        |          | لـــا               |          |          |          |            |           |                 |           | <br>     | .00      |                     |                         | ـ            | ᆫᆚ                  |          |                     | ::::     | ·L           |                   | 130        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | $oldsymbol{\perp}$ |          |          |          |          |          |          |           |